

TABLE 1. Sequences of chimeric primers.

Cystic Fibrosis Transmembrane Regulator (CFTR) 15-plex Primer Sequences			Gauchers (GCR) and Sickle Cell Anemia (SCA) 4-plex GCR Primer Sequences		
	Exon Int 19	Size (bp)		Exon	Size (bp)
AGG CTT CTC AGT GAT CTG TTG GAA TCA TTC AGT GGG TAT AAG CAG		~440	GGG TGG GAG GGT GGA GGC TAA TGG CCA GAA GGT AGA AAG GTG AG	6	401
GCC CGA CAA ATA ACC AAG TGA AGT CTA ACA AAG CAA GCA GTG	19	410	GAA TGT CCC AAG CCT TTG A AAG CTG AAG CAA GAG AAT CG	2	358
TGA TGG TAA GTA CAT GGG TG CAA AAG TAC CTG TTG CTC CA	21	381	TGC AAC TAC TGA GGC ACT T TAC AAT GAT GGG ACT GTC G	9	319
CTT CTA ATG GTG ATG ACA GCC T CCA CTG AAA ATA ATA TGA GGA AAT	9	335	SCA Primer Sequences CAT TTG CTT CTG ACA CAA CTG CCA ACT TCA TCC ACG TTC ACC		124
AGG TAG CAG CTA TTT TTA TGG TAA GGG AGT CTT TTG CAC AA	13	295	GCR and Tay-Sachs (TS) 3-plex GCR CCT TGC CCT GAA CCC CGA A CTG ACT CTG TCC CTT TAA TGC CCA	9, 10, 11	871
TGT AGG AAG TCA CCA AAG CGA TAC AGA ATA TAT GTG CC	4	267	TS Primer Sequences GTG TGG CGA GAG GAT ATT CCA TGG CTA GAT GGG ATT GGG TCT	11, 12***	530
GGA GTC CAA TTT TCA CTC ATC TTG AGT TAA TGA GTT CAT AGT ACC TGT T	17b	245	GGG TCC TAC AAC CCT GTC ACC CAC AAG CTT CAC TCT GAG CAT AAC AAG	7**	190
CAG ATT GAG CAT ACT AAA AGT G TAC ATG AAT GAC ATT TAC AGC A	11	200	B-thalassemia Primer Sequences GCT GTC ATC ACT TAG ACC TC GCA AGA AAG CGA GCT TAG TG	1, 2, 3	1612
GAG CCT TCA GAG GGT AAA AT TCA CAT AGT TTC TTA CCT CT	10	175	WT-1 Primer Sequences CTG AGT GAA TGG AGC GGC GGG TGA ATG AGT AGG TGG	Name B*	204
AAG AAC TGG ATC AGG GAA GA TCC TTT TGC TCA CCT GTG GT	20	155	CGG TGC TGG ACT TTG CG AAG TGG ACA GTG AAG GCG	F	186
GCT GTC AAG CCG TGT TCT A GTA TAA TTT ATA ACA ATA GTG CC	5	132	CCG TCT TGC GAG AGC ACC CTA ATT TGC TGT GGG TTA GG	H*	262
TTG GTT GTG CTG TGG CTC CT ACA ATA CAT ACA AAC ATA GTG G	14b	110	AGT TGT GTA TAT TTG TGG TTA TG GTT ACT GTG GAA AGG CAA TG	J	167
GAC TCT CCT TTT GGA TAC CTA GCA TGA GCA TTA TAA GTA AGG	12	90	GAG ATC CCC TTT TCC AG CAC AGC TGC CAG CAA TG	N*	176
GGC GAT GTT TTT TCT GGA GA ACA AAT GAG ATC CTT ACC CC	3	70	CTC ACT GTG CCC ACA TTG CAA TTT CAT TCC ACA ATA G	O*	211
CFTR Exon 21 Primer Sequences CAA GTG AAT CCT GAG CGT GAT TT CAA AAG TAC CTG TTG CTC CA	Name SS#1	Size (bp) 477	• Reported previously by Varanasi et al 1994. **Reported previously by Navon & Proia 1989. ***Reported previously by Tanaka et al 1990.		
GAA CTT GAT GGT AAG TAC ATG GGT G AGT CAA AAG TAC CTG TTG CTC CAG	SS#2	389	NOTE: Amplicon sizes increase by 40bp for chimeric primers.		
TGA TGG TAA GTA CAT GGG TG CAA AAG TAC CTG TTG CTC CA	SS#3	381			

FIGURE 1

08 474450

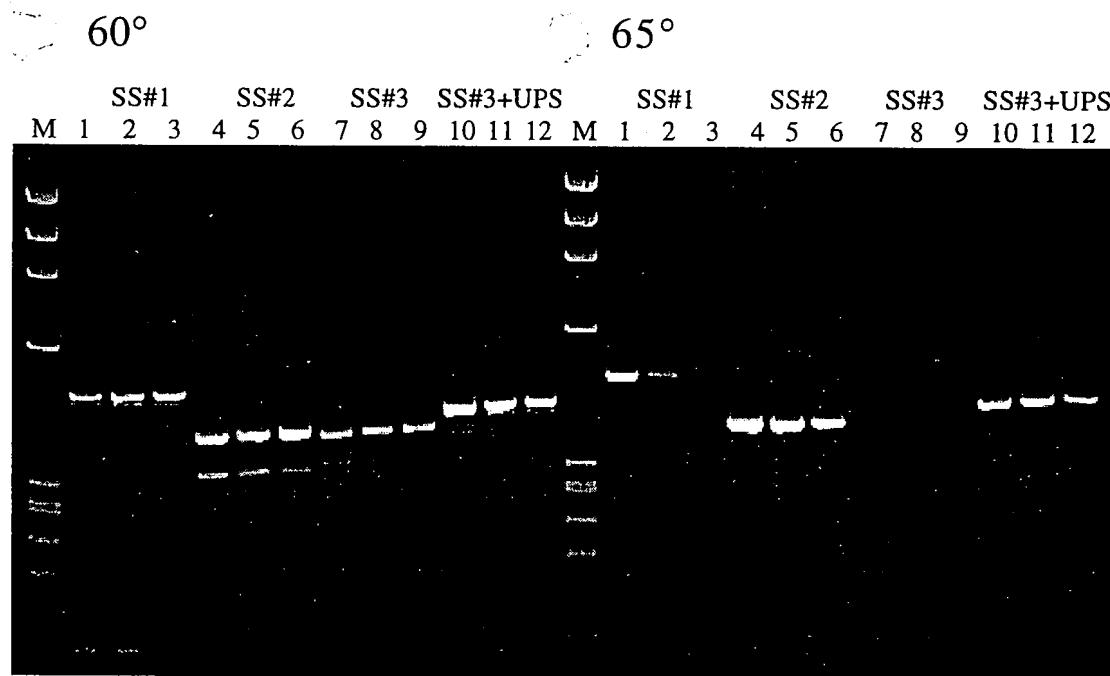
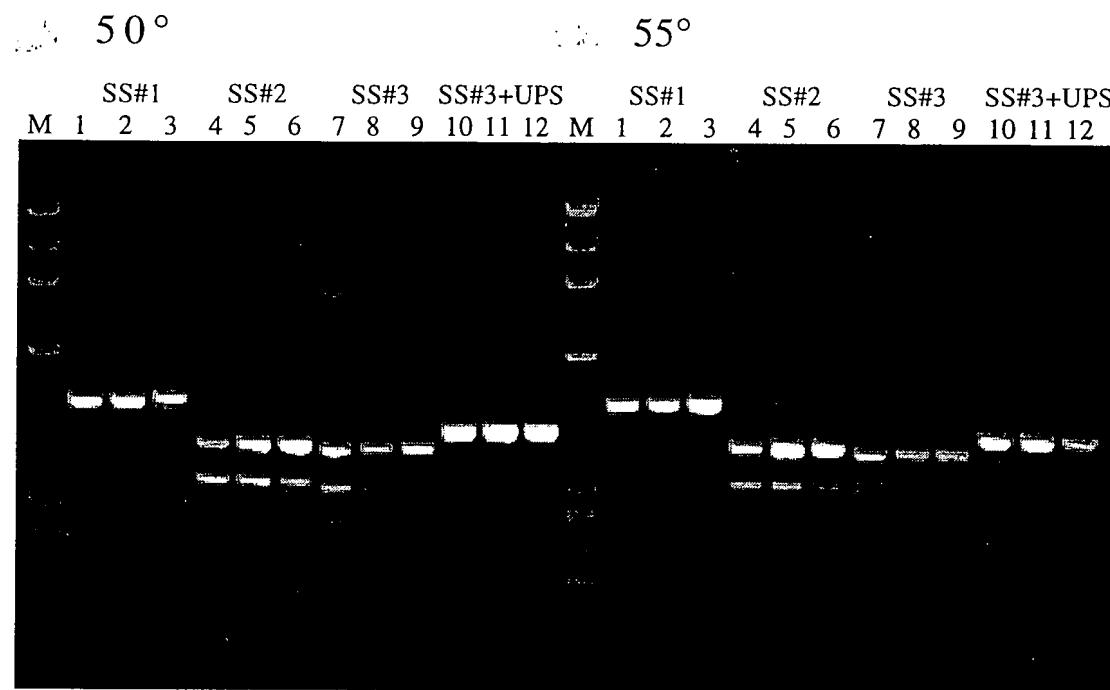


FIGURE 2

00 474450

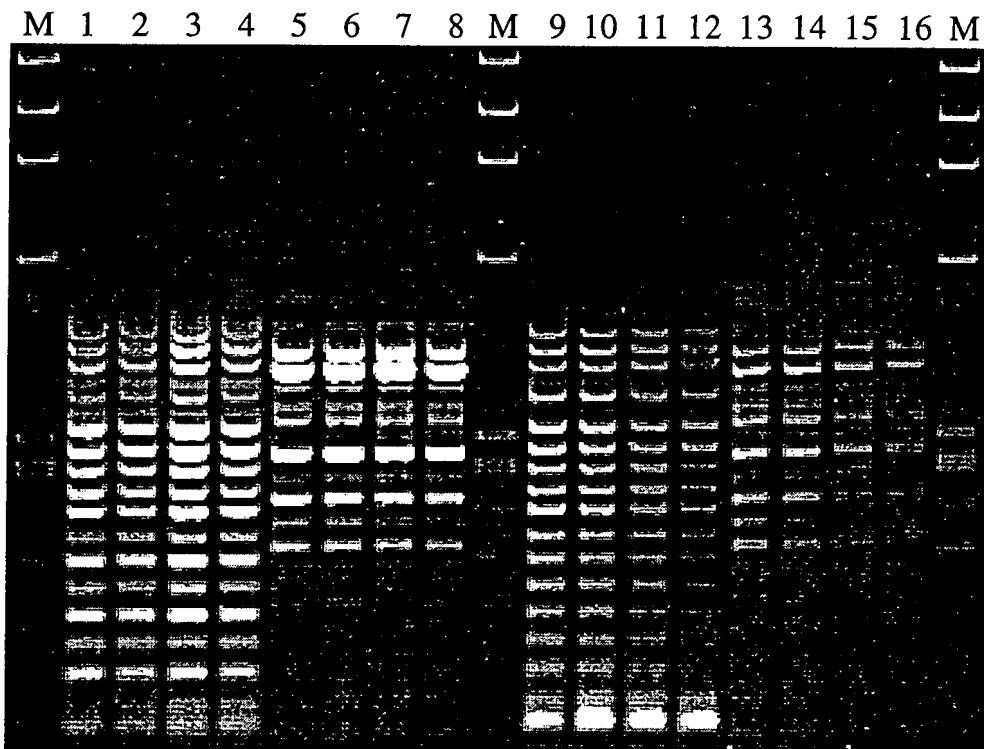
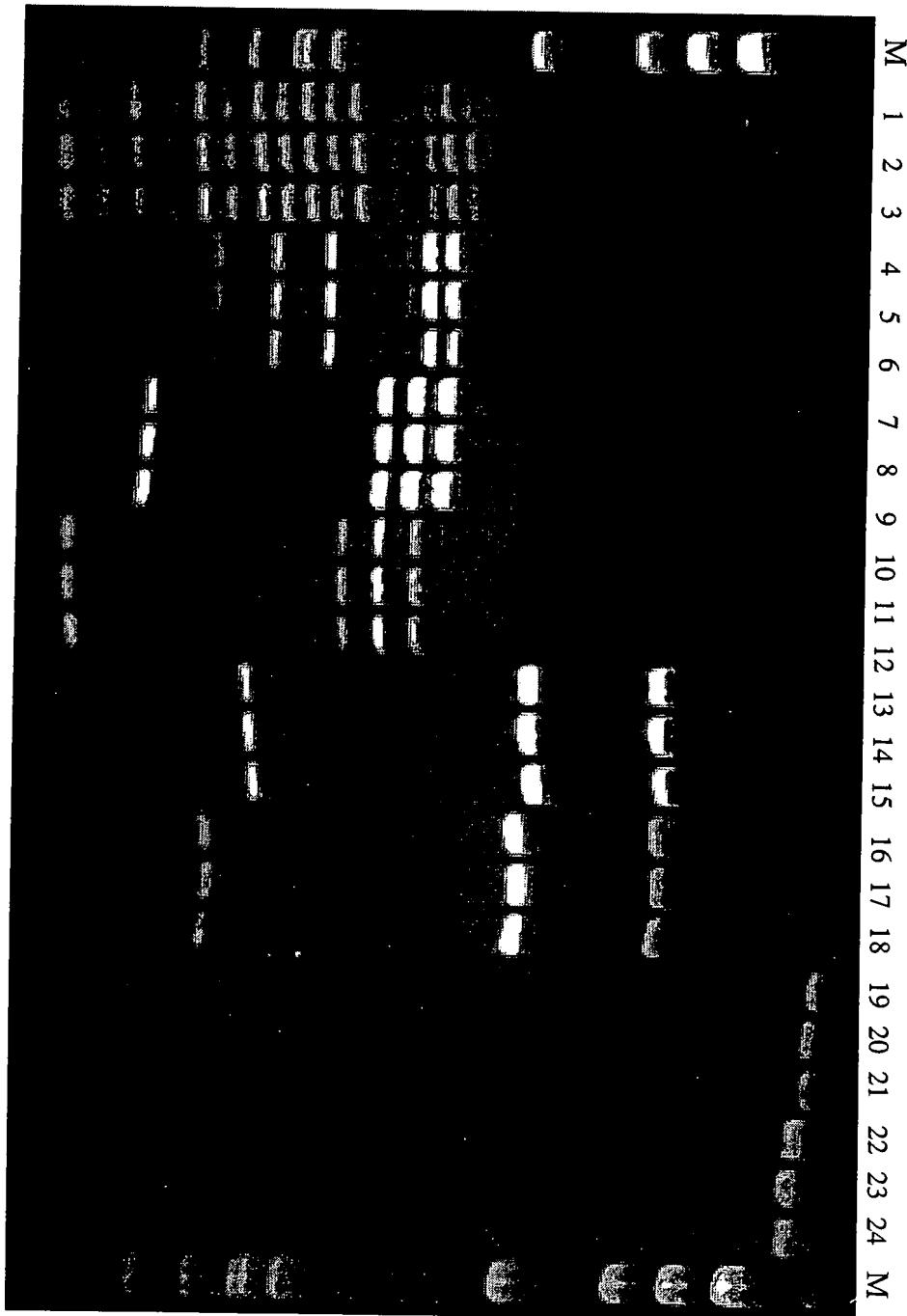


FIGURE 3

IR 474450



PROPERTY

BB 474450

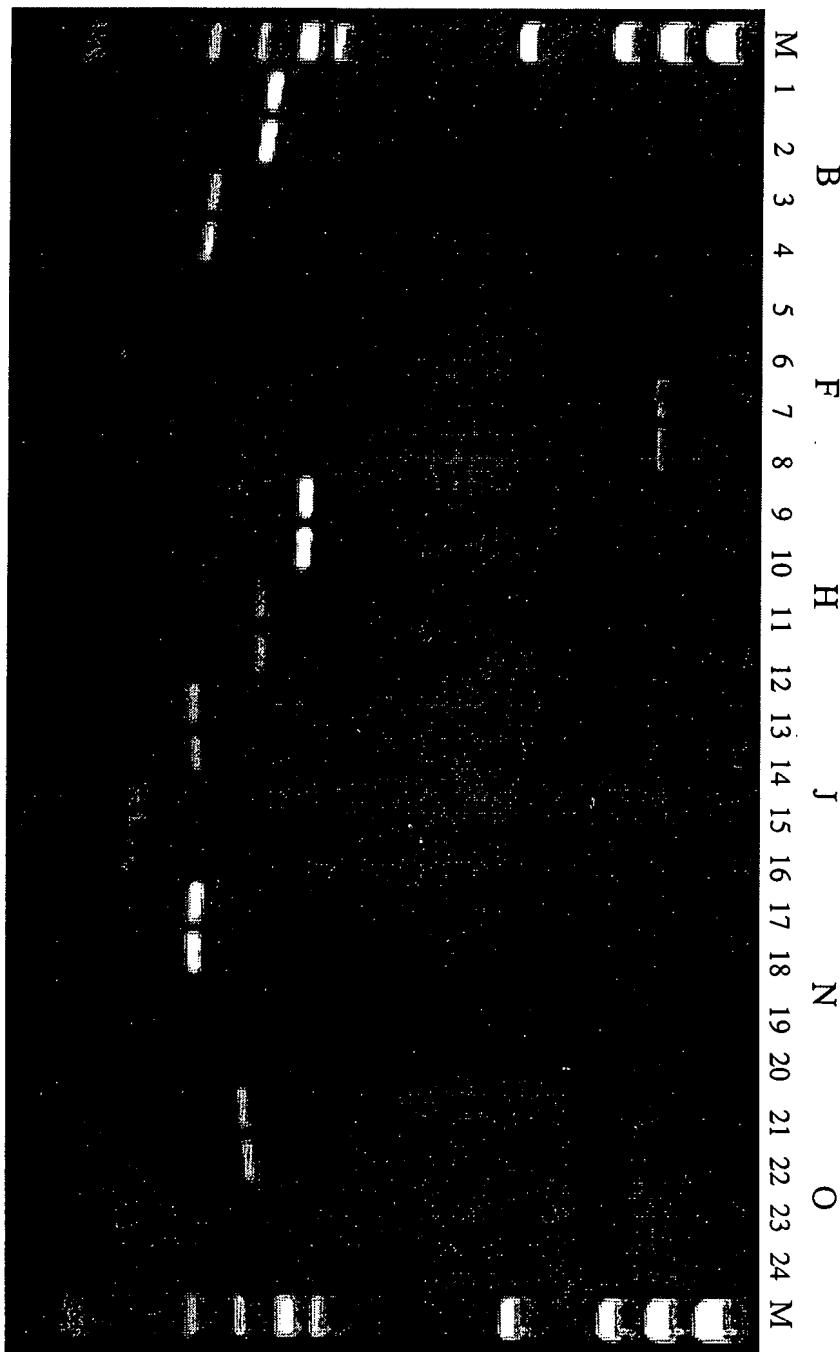


FIGURE 5